

## **AMENDMENTS TO THE SPECIFICATION**

**Please cancel the heading “DESCRIPTION,” in line 1 on page 1 of the specification.**

**Please replace the heading “TECHNICAL FIELD” with the heading -- BACKGROUND OF THE INVENTION --, in line 5 on page 1 of the specification.**

**Please delete the heading “BACKGROUND ART” in line 12 on page 1 of the specification.**

**Please replace the heading “DISCLOSURE OF THE INVENTION” with the heading -- SUMMARY OF THE INVENTION --, in line 15 on page 13 of the specification.**

**Please amend the paragraph beginning on page 48, line 17 and ending at line 18, as follows:**

FIG. 2 is a block diagram showing a structure of a control apparatus 40 shown in FIG. 1;

**Please amend the paragraph beginning on page 48, line 19 and ending at line 20, as follows:**

FIG. 3 is a block diagram showing a structure of a relay apparatus 20 shown in FIG. 1;

**Please amend the paragraph beginning on page 49, line 3 and ending at line 6, as follows:**

FIG. 5 is a graph representing the relationship between the level of a signal received by the relay apparatus 20 and the distance between the relay apparatus 20 and the wireless communication terminal 30;

**Please amend the paragraph beginning on page 49, line 7 and ending at line 9, as follows:**

FIG. 6 is a block diagram showing a structure of a control apparatus 40a according to a variation of Embodiment 1 of the present invention;

**Please amend the paragraph beginning on page 49, line 10 and ending at line 11, as follows:**

FIG. 7 is a block diagram showing a structure of a relay apparatus 20a according to the variation of Embodiment 1;

**Please amend the paragraph beginning on page 49, line 12 and ending at line 14, as follows:**

FIG. 8 is a block diagram showing a structure of a control apparatus 40b included in a wireless communication system according to Embodiment 2 of the present invention;

**Please amend the paragraph beginning on page 49, line 15 and ending at line 16, as follows:**

FIG. 9 is a block diagram showing a structure of a control apparatus 40e for collectively receiving upstream optical signals;

**Please amend the paragraph beginning on page 49, line 20 and ending at line 22, as follows:**

FIG. 11 is a block diagram showing a structure of a control apparatus 40d included in a wireless communication system according to a variation of Embodiment 2;

**Please amend the paragraph beginning on page 49, line 23 and ending at line 25, as follows:**

FIG. 12 is a block diagram showing a structure of a control apparatus 40e for adjusting an optical modulation index by controlling the level of a bias current;

**Please amend the paragraph beginning on page 50, line 1 and ending at line 3, as follows:**

FIG. 13 is a block diagram showing a structure of a control apparatus 40f for adjusting the power of a downstream optical signal;

**Please amend the paragraph beginning on page 50, line 4 and ending at line 6, as follows:**

FIG. 14 is a block diagram showing a structure of a relay apparatus 20b included in a wireless communication system according to Embodiment 3 of the present invention;

**Please amend the paragraph beginning on page 50, line 7 and ending at line 9, as follows:**

FIG. 15 is a block diagram showing a structure of a relay apparatus 20e included in a wireless communication system according to a variation of Embodiment 3;

**Please amend the paragraph beginning on page 50, line 10 and ending at line 12, as follows:**

FIG. 16 is a block diagram showing a structure of a relay apparatus 20d included in a wireless communication system according to Embodiment 4;

**Please amend the paragraph beginning on page 50, line 13 and ending at line 14, as follows:**

FIG. 17 is a block diagram showing a detailed structure of an electric signal evaluation section-214;

**Please amend the paragraph beginning on page 50, line 15 and ending at line 17, as follows:**

FIG. 18 is a block diagram showing a structure of a control apparatus 40g included in a wireless communication system according to a variation of Embodiment 4;

**Please amend the paragraph beginning on page 50, line 18 and ending at line 19, as follows:**

FIG. 19 is a block diagram showing a detailed structure of an electric signal evaluation section-214e;

**Please amend the paragraph beginning on page 50, line 20 and ending at line 21, as follows:**

FIG. 20 is a block diagram showing a detailed structure of an electric signal evaluation section ~~214f~~;

**Please amend the paragraph beginning on page 50, line 22 and ending at line 23, as follows:**

FIG. 21 is a block diagram showing a structure of a control apparatus ~~40h~~ according to Embodiment 5;

**Please amend the paragraph beginning on page 50, line 24 and ending on page 51 at line 1, as follows:**

FIG. 22 is a block diagram showing a structure of a control apparatus ~~40i~~ included in a wireless communication system according to a variation of Embodiment 5;

**Please amend the paragraph beginning on page 51, line 2 and ending at line 4, as follows:**

FIG. 23 is a block diagram showing a structure of a control apparatus ~~40j~~ included in a wireless communication system according to Embodiment 6 of the present invention;

**Please amend the paragraph beginning on page 51, line 5 and ending at line 7, as follows:**

FIG. 24 is a block diagram showing a structure of a relay apparatus ~~20f~~ included in a wireless communication system according to a variation of Embodiment 6;

**Please amend the paragraph beginning on page 52, line 10 and ending at line 11, as follows:**

FIG. 34 is a diagram showing a structure of a receiving antenna section ~~322~~ shown in FIG. 33;

**Please amend the paragraph beginning on page 52, line 12 and ending at line 14, as follows:**

FIG. 35 is a graph showing the relationship between the level of a signal received by a relay apparatus 32 and the distance between the relay apparatus 32 and a wireless communication terminal;

**Please amend the paragraph beginning on page 52, line 15 and ending at line 18, as follows:**

FIG. 36 is a partial view of a wireless communication terminal according to Embodiment 14 of the present invention, which schematically shows a structure of a receiving antenna section 322x and a cross section of a receiving area 37x thereof;

**Please amend the paragraph beginning on page 52, line 19 and ending at line 22, as follows:**

FIG. 37 is a partial view of a wireless communication terminal according to Embodiment 15 of the present invention, which schematically shows a structure of a receiving antenna section 322y and a receiving area 37y thereof;

**Please amend the paragraph beginning on page 52, line 23 and ending on page 53 at line 1, as follows:**

FIG. 38 is a partial view of a wireless communication terminal according to Embodiment 16 of the present invention, which schematically shows a structure of a receiving antenna section 322z and a receiving area 37z thereof;

**Please replace the heading “BEST MODE FOR CARRYING OUT THE INVENTION” with the heading --DETAILED DESCRIPTION OF THE INVENTION --, in line 2 on page 54 of the specification.**

**Please amend the paragraph beginning on page 62, line 11 and ending at line 19, as follows:**

A level difference 1007 is a difference between the level of the signal component 1001a and the signal ~~leakage~~ component ~~1003e~~1001c. In the case where 64QAM is used as the modulation system, it is understood that in order to guarantee the D/U ratio 1006 of 22 dB, the level difference 1007 may be 18 dB because the leakage ratio from the second adjacent channel is -40 dB. In other words, the difference between the level of signal a and the level of signal c can be 18 dB or lower when the dynamic range of the wireless signal received by the relay apparatus is 18 dB or lower.